

Appl. No.: 10/627,935
Reply to Office Action of: May 17, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the present application:

Listing of Claims:

1. (currently amended) A sealing device for sealing a line relative to a line duct, comprising:

a resilient substantially tubular seal disposed between the line and the line duct, the line being introducible at least partially into the line duct; and,

at least one sealing lip located on a wall of the seal; and

an interlocking anti-rotation element integrally formed in said seal;

wherein a force applied at an end of the tubular seal causes the seal to expand against both the line and the line duct to form a pressure-tight seal.

2. (original) The sealing device according to claim 1, wherein the seal comprises a plurality of sealing lips, which are disposed approximately equidistantly along an inner wall thereof.

3. (original) The sealing device according to claim 1, wherein the seal comprises a plurality of sealing lips, which are disposed approximately equidistantly along an outer wall thereof.

4. (currently amended) The sealing device according to claim 1, wherein the sealing device comprises a screw-down nut, which is connectable to the line duct in such a way that the seal is pressed against the line radial and longitudinal force is applied to the sealing device.

5. (original) The sealing device according to claim 4, wherein the screw-down nut comprises a thread, which is screw-connectable to the line duct.

6. (canceled)

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7. (currently amended) The sealing device according to claim 6⁵, wherein the anti-rotation element is formed by an interlock between the seal and the line duct.

8. (original) The sealing device according to claim 7, wherein the seal has a rotationally symmetrical shape.

9. (original) The sealing device according to claim 8, wherein the seal comprises a circumferential stop projection, which may be brought into abutment with an end face of the line duct.

10. (original) The sealing device according to claim 9, wherein the sealing device effects sealing of an electric cable relative to a cable gland.

11. (original) The sealing device according to claim 10, wherein the cable gland is disposed on a housing of a plug-in connector.

12. (original) The sealing device according to claim 11, wherein the dimensions of the line, the seal and the line duct are so selected that through their connection, an interference fit is produced.

13. (newly added) A seal for sealing a line to a line duct, comprising a resilient, substantially tubular body having an outer surface configured to engage an inner surface of the line duct, an inner surface configured to engage an outer surface of the line, an end configured to receive a compressive force, and an anti-rotation element; the line overlapping at least a portion of the line duct along an axis of the substantially tubular body; and the anti-rotation element interlocking with the line duct.

14. (newly added) A sealing arrangement comprising:

a line having a substantially cylindrical outer surface;

a line duct having a substantially cylindrical inner surface configured to receive at least a portion of said line, the line duct having an end face substantially perpendicular to an axis of the cylindrical inner surface; and

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a sealing device having a resilient, substantially tubular body disposed between said cylindrical outer surface of said line and said cylindrical inner surface of said line duct; said sealing device having an axial face abutting the end face and an interlocking anti-rotation element.

15. (newly added) The sealing arrangement of claim 14, wherein the interlocking anti-rotation element comprises projections that interlock with projections on the end face of the line duct.